Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Saturday 13 Mar 2021 until 23:59 on Sunday 14 Mar 2021

Forecast Issued on Friday 12 Mar 2021 at 13:27

Confidence: High for the main themes with cold, showery conditions this weekend replaced by more settled, drier weather next week. Some uncertainty in extent of rain and hill snow on Sunday and cloud amounts next week.

Headline for Saturday 13 Mar 2021: Cold and windy with sleet or snow showers.

Mountain weather hazards on Saturday 13 Mar 2021

Blizzards Low Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Heavy snow	Light snow	Heavy snow showers	Heavy snow showers	Heavy snow showers	Heavy snow showers	Light snow showers (night)
Precipitation probability							
80%	80%	80%	60%	60%	60%	40%	40%

Forecast for Saturday 13 Mar 2021

Weather: Long periods of heavy rain and hill snow overnight with blizzards on the tops. A mixture of bright intervals and frequent snow showers through the day, mainly falling as rain or sleet in the valleys. Some showers will be heavy with hail and possibly thunder. Showers becoming less frequent through the evening.

Chance of cloud free mountain/hill tops above 800m: 10% overnight then 40% in the west and 70% in the east during the day.

Visibility: Very poor at height overnight. Frequent cloud above 600 or 700m, occasionally down to lower slopes in showers. Excellent between showers, especially in the east. Visibility quickly changing as showers pass through but you will see these approaching from the west during the day.

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Forecast for Saturday 13 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	32/40 SW	33/41 W	33/42 W	37/48 NW	35/46 W	36/48 W	32/43 W	27/37 NW	30/40 NW
600	28/37 SW	29/39 W	28/39 W	30/42 NW	30/42 W	29/43 W	25/36 W	22/32 NW	22/33 W
300	11/29 SW	13/32 W	13/33 W	14/35 NW	14/36 W	14/37 W	11/31 NW	11/29 NW	10/28 NW
Valley	13/28 SW	12/28 W	13/31 W	14/32 NW	15/33 W	14/34 W	12/28 W	10/24 W	10/25 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-9	-3/-12	-2/-11	-3/-12	-3/-12	-2/-11	-2/-10	-1/-9	-2/-10
600	1/-6	-1/-9	-0/-8	-1/-9	-0/-8	0/-7	1/-6	1/-6	0/-6
300	3/-1	1/-4	1/-4	2/-4	2/-3	2/-3	2/-2	3/-2	2/-2
Valley	5/1	4/-0	4/-0	4/-0	5/0	5/1	5/2	5/2	5/1
Freezing Level*	800m	500m	500m	500m	500m	500m	700m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling bitterly cold at height with a severe wind chill. Sudden gusts up to 55mph as heavy showers move through.

Forecast for Sunday 14 Mar 2021

Weather: Bright or clear intervals and a few showers overnight and during the morning, falling as snow above 500m. Longer spells of rain and sleet, with snow above 600 or 700m, during the afternoon. Becoming dry with clear spells in the evening.

Maximum wind: West or Northwest 20mph gusts 30mph, perhaps 40mph early morning.

Chance of cloud free mountain/hill tops above 800m: 70% in morning, becoming 10% in afternoon then 70% in evening.

Visibility: Occasional cloud above 600m, otherwise mainly good in the morning. More extensive cloud in the afternoon with bases 400-600m. Becoming good in the evening as cloud clears.

Temperature: **Valleys:** Plus 5 rising to 7 or 8C.
At 800m: Around 0C.
Freezing level: 700-900m.

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Friday 12 March 2021. Location: Nethermost Pike summit at 10:24. Full report:
We are continuing to provide the Fell Top Reports for people undertaking their daily local exercise during the lockdown. We would like to remind everyone that Government guidance stipulates that people should only exercise locally to where they live. Here is today's report: A dusting of fresh snow fell overnight on Helvellyn and surrounding fells which has settled above 600m. Strong SW winds continue to dominate the weather bringing further wintery showers on and off through the morning.
Wind-blown snow and graupel (rimed up snow) was being transported over high ground today and deposited on lee slopes (north through east facing). Some of this snow has settled on small patches of older frozen snow which is present in these locations above roughly 850m and may not be very well bonded. This includes an unavoidable area of snow on the exit slopes of Swirral edge. Although it is only a small area, an ice axe and crampons may be worth carrying for anyone attempting this or similar routes. Strong winds are forecast into the weekend with sub-zero temperatures on high ground and further precipitation. Anyone heading into the higher fells tomorrow should expect challenging conditions with wintery showers and be equipped to deal with these conditions. Warm and waterproof clothing including hat & gloves, mountain boots, and additional equipment including a map and compass (and proficiency navigating in difficult conditions), and a survival/group shelter are all essential. Goggles and microspikes may also be a useful addition. Please be conservative with your plans and know both your limits and also when to turn back. Temperature: minus 1.9 C, Maximum wind speed 34.6 mph, Wind chill: minus 12.6 C, Average wind speed: 28.6 mph.

Issued at: 1327 on Fri 12 Mar 2021

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